

20000415.ba v02_n865.bam.20000415

>From ???@??? Sat Apr 15 09:34:58 2000 -0500
Message-Id: <200004151433.e3FEXPU09890@sco.theporch.com>
Date: Sat, 15 Apr 2000 09:32:59 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2865

BOATANCHORS Digest 2865

Topics covered in this issue include:

- 1) Wanted: Circuit description of JW. Miller and HEathkit automatic antenna tuners
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 2) Ameco Preamp P/S(s)
by Michael N HoN Hopkins <mnhopkins@juno.com>
- 3) FS: NAVPERS 100xx, old Navy electronics training manuals
by Al Schapira <schapira@cadence.com>
- 4) DSB, Meteor: SSB alternative
by Michael N HoN Hopkins <mnhopkins@juno.com>
- 5) VTVMs more varied than rigs.
by Michael N HoN Hopkins <mnhopkins@juno.com>
- 6) VTVM Probes
by Edward J Knobloch <k4pf@juno.com>
- 7) WTB: R-105/ARR-15 parts unit
by Roy Morgan <roy.morgan@nist.gov>
- 8) Free Collins Nomenclature Tag
by jmccarty@lucent.com (John J Mccarty)
- 9) Re: DSB, Meteor: SSB alternative
by thompson@mindspring.com
- 10) Re: DSB, Meteor: SSB alternative
by Gary Schafer <gschafer@mediaone.net>
- 11) Mackay MF transmitter for trade
by "Sandy W5TVW" <ebjr@i-55.com>
- 12) Wanted: 35T
by Merz Donald S <merz.ds@mellon.com>
- 13) Off Topic, But Important
by David Stinson <arc5@ix.netcom.com>
- 14) Re: Off Topic, But Important
by JACK IVERSON <jackiv@juno.com>
- 15) GRC-9 OTA 4/15
by Dick Dillman <ddillman@igc.org>
- 16) Re: P51 Mustang
by Jderm740@aol.com
- 17) Re: P51 Mustang
by Arden Allen <gumbear@pacbell.net>

- 18) SP-600 Bandsread Dial
by Mike Steussy - AE4R <hikrbikr@erols.com>
- 19) Commercial Telegraph License
by "Richard Brunner" <rbrunner@gis.net>
- 20) WTB MicroMatch RF Sensor Unit
by knepper <knepper@lenzlink.net>
- 21) Arm Manual for Radio Xmtrs T-368 & tuning unit BC-939B
by "ROBERT F. KEMP" <rkemp@mr.net>
- 22) RA-84 Rectifier PS Available
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 23) RE: 6 V vibrators for sale
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
- 24) 51J-2 Mysteries
by "Larry Bearse" <lbearse@mail1.nai.net>

Message-Id: <3.0.5.32.20000414063426.0082c920@miavx1.muohio.edu>
Date: Fri, 14 Apr 2000 06:34:26 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Wanted: Circuit description of JW. Miller and HEathkit
automatic antenna tuners
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,
I'm designing a high power automatic antenna tuner, and would like to see
how the old Miller AT-2500 and Heath SA-2500 tuners implemented their
control circuits. Anybody got a circuit description I could have or borrow?
Also, any of the old Collins auto tuner designs would be welcome. These old
tuners used motors to turn the caps and coils, in contrast to modern tuners
which use relays to activate fixed caps and inductors.
Thanks very much.

Jim Garland W8ZR

=====
Website: <http://www.muohio.edu/~4cx250b/web/index.htm>
=====

To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 14 Apr 2000 08:20:50 -0700
Subject: Ameco Preamp P/S(s)
Message-ID: <20000414.082546.-489275.1.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

From: Michael N HoN Hopkins <mnhopkins@juno.com>

> I just bought an Ameco PCL preamp, which has a 3-pin connector<

Ed, AA8TV, is one of this year's Ameco amp refitters.

His is an all band tunable affair for 1.8-54 mc. It uses a pair of 6CW4 or 6DS4 Nuvistors in a Wallman Cascode setup like a TV UHF tuner, so it could poke out more than 20dB. You won't need that many places and a 10K RF gain is recommended by the manufacturer to replace a 47 Ohm cathode resistor on the first Nuvistor. The real utility of these preamps is for preselection on general coverage RXs without a tuned RF stage, so voltage as low as 75 migh work fine.

They don't eat much -- try about 100v on the plates and no more than 150. Noise figure varies in preamps with supply voltage, sometimes remarkably so. When WA5VJB took my Centimeg 432 converter to the Central States VHF meeting two years ago (took guts to bring a '58 model), he found 2dB variation with supply.

Ed's PCL is less common than the PCL-P with the built in supply. Ameco used an autotransformer with a 6.3 volt tap for the filaments and a 1K resistor for the filter choke.

Also seen are the single band PV and PH pre-amps in the familiar copper color with, too often, the first rate Motorola 'car radio' connectors replaced by the 239/259 family with the big impedance bump at 30 mc. An RCA is a better connector than a 239, but most things are.

Ameco also made small box amps. Some nuances show the difference between a monoband PV or PH, and they were seen with both 6CB6 and Nuvistors for 6 and 2M at least. I have not seen a 220.

Anyway, the rule in preamp and converter power supplying is always less is more. You almost never need 200 and 100 is usually closer to the mark.

I continue to archive recieve converter material and have manuals on the familiar AMECO Nuvistor converters, their prehistoric miniature tube antecedents (that worked just as well on 6M), and many others.

ab5L -- Michael N. Hopkins MNHopkins@JUNO.com

Box 226841, Dallas, TX 75222

Archiving receive converters and the Golden Age of 6M -- 1956-58

Date: Fri, 14 Apr 2000 09:58:11 -0400 (EDT)

From: Al Schapira <schapira@cadence.com>
Message-Id: <200004141358.JAA18804@npult10a2.Cadence.COM>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: NAVPERS 100xx, old Navy electronics training manuals
Cc: schapira@cadence.com

FS: NAVPERS 100xx, Old original Navy electronics training manuals.
All softcover, original manuals. \$8 each, post paid, or \$26 for all four.

1. NAVPERS 10087 "Basic Electronics", 1955, 5 x 7 3/4, 728 pgs, cover worn, contents excellent.
2. NAVPERS 10087-C, "Basic Electronics Vol 1", reprinted 1980, 8 x 10, 566 pgs, cover & contents excellent.
3. NAVPERS 10086-A, "Basic Electricity", 1960, 8 x 10, 448 pgs, cover dirty & worn, contents excellent.
4. NAVPERS 10547-B, "Electrician's Mate 1 & C", 1968, 8 x 10, 196 pgs, cover worn, contents excellent.

-Al Schapira
schapira@cadence.com

To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 14 Apr 2000 09:05:46 -0700
Subject: DSB, Meteor: SSB alternative
Message-ID: <20000414.093128.-489275.3.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: Michael N HoN Hopkins <mnhopkins@juno.com>

There's always someone trying to tell us. It was WRL/Globe that tried to make the point that DSB, double sideband, was a cost effective substitute to big dollar xtal filters and hard to tune 'phaser.

Look for the DSB TX in the same case as the Globe Hi Bander in the WRL/Globe line and, about 1961, the SB-175 Meteor DSB/AM/CW TX.

A Meteor is done up in orange and black, like Halloween, but W5FRS didn't find it a fright to use on 40M when I loaned it to him. He put its pair of 6DQ6s to work on CW.

I'll probably take it to the Belton, TX hamfest if I can't borrow a digital camera first.

ab5L -- Michael N. Hopkins MNHopkins@JUNO.com
Box 226841, Dallas, TX 75222
Archiving receive converters and the Golden Age of 6M -- 1956-58

To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 14 Apr 2000 09:30:25 -0700
Subject: VTVMs more varied than rigs.
Message-ID: <20000414.093130.-489275.4.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: Michael N HoN Hopkins <mnhopkins@juno.com>

It would be easy to describe post war receivers in terms of footnotes to the Hallicrafters S-40. You could also put all the post TVI scare TXs on a mix and match table -- they all went single ended to worship coax and the Pi network. But my recent review of VTVMs suggest the orthodoxy was much less rigid in test equipment.

Refurbishing a McMurdo Silver Vomax led to reading and inspection of circuits far more thought provoking than a the vanilla 455 IF/6146 final lockstep in ham stuff.

Take for instance the RCA Volt Ohmyst Junior, aka Electronics Designs Model 100. I am repairing one that belonged to W5AJG, 6M WAS #4. Inside I find a pair of 6K6s, wired as push pull triodes! Marcus (Radio Servicing, 2d. Ed., 1954) lists this and several other circuits for VTVMs, and Terman, (Radio Engineering, 2d Ed., 1932) had so much material on the subject he had to break it out into a separate book after his first edition.

Issues like flat response on RF led to quite varied thinking in the VTVMs and, it appears, the bench top signal tracers were similarly varied. I find signal generators somewhat more conventional, but that may be mistaken. The Hickok 288-X in my basement is more complicated than an S-40.

So for the circuitry orientated student, the make offer box's stash of test gear might be a profitable pursuit.

ab5L -- Michael N. Hopkins MNHopkins@JUNO.com
Box 226841, Dallas, TX 75222
Archiving receive converters and the Golden Age of 6M -- 1956-58

To: Old Tube Radios <boatanchors@theporch.com>
Date: Fri, 14 Apr 2000 11:06:55 -0400
Subject: VTVM Probes
Message-ID: <20000414.110655.-791711.0.k4pf@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: Edward J Knobloch <k4pf@juno.com>

Various nice vacuum tube voltmeters have followed me home recently.

Now the problem is finding suitable probes. It seems the standard VTVM circuit had 1 Megohm in series within the probe on dc ranges, with 9 Meg Ohms input resistance at the VTVM, for a 10 Meg Ohm total circuit loading.

Oscilloscopes and sensitive a.c. voltmeter designs like the Ballantine 310B settled on a 1 Meg Ohm input impedance, and 9 Megs more in a divide-by-ten probe. Still a total of 10 Meg Ohms loading, but divided differently.

New 'scope probes are easily bought, but where can a person find probes with one meg series resistance, suitable for VTVM use? I don't think the probe compensating capacitors are a problem.

73
Ed Knobloch k4pf@juno.com

Message-Id: <4.2.0.58.20000414122329.00b08be0@sdct-sunsrv1.ncsl.nist.gov>
Date: Fri, 14 Apr 2000 12:28:50 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: Roy Morgan <roy.morgan@nist.gov>
Subject: WTB: R-105/ARR-15 parts unit
Cc: "Old Tube Radios" <boatanchors@theporch.com>, COLLINS@LISTSERV.TEMPE.GOV, dcboatanchors@qth.net
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Boatanchorites,

A cooperative effort to get one Collins R-105/ARR-15 radio running is underway and have some spare parts left over.

NEEDED: one parts radio. Anyone got one for sale/trade???

Roy

-

Roy Morgan

Keep em glowing! K1LKY since 1959
7130 Panorama Drive, Derwood MD 20855
301-330-8828

From: jmccarty@lucent.com (John J Mccarty)
Date: Fri, 14 Apr 2000 13:14:33 -0500 (CDT)
Message-Id: <200004141814.NAA14074@nwsgpb.ih.lucent.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Free Collins Nomenclature Tag

Group;

Picked up a small Collins name plate. Orange and
silver (tarnished). 3/4" by 1.5". Says:

COLLINS RADIO COMPANY

(Collins logo)

TYPE:	SERIAL:
177M-1	118

Cedar Rapids Iowa USA

The logo is the round sphere overlayed with the
hoizontal box the the name Collins inside. The 177M-1
and 118 are imprinted on clear portions of the tag.

So, if you type 177M-1 (what ever that is) needs a
tag, this is your lucky day. Just send me your address
and I'll mail it out. If somehow I've managed to
start a stampede, Rules of Ware will apply.

Have a good weekend

John n9hrt
jmccarty@lucent.com

From: thompson@mindspring.com
Message-ID: <008001bfa643\$15f8a6a0\$643156d1@default>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DSB, Meteor: SSB alternative
Date: Fri, 14 Apr 2000 14:56:03 -0400

Michael N HoN Hopkins <mnhopkins@juno.com> mentioned the DSB alternative correctly.

The DSB-100 introduced in 1957 was a low cost way to get on sideband. The later SB-175 Meteor was a revised version sans power supply (you used the Universal WRL PS).

The DSB possibilities were practically eliminated by CQ requiring 2 way SSB for their awards and the introduction of the low cost Heath SB-10.

These rigs are fairly scarce today compared to the SB-10 or even the CE 10A/B or 20A.

In 1957 W5LWS (SK in late 1999) had the DSB-100 which he used to drive the Globe King 500B at 500W PEP

(I think he used the 500B VFO). Jim always was trading with Leo at WRL.

Leo would call up and say

try this rig..if you like it buy it or send it back. Boy ham radio dealers have a different way of doing business

today. Maybe that's why WRL was successful then.

73 Dave K4JRB

Message-ID: <38F770F6.253B318C@mediaone.net>
Date: Fri, 14 Apr 2000 15:26:47 -0400
From: Gary Schafer <gschafer@mediaone.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: DSB, Meteor: SSB alternative
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

It was also very easy to build a DSB rig but not many were on the air.

I think one of the reasons that DSB did not really catch on was the difficulty in tuning it in. At that time most receivers were set up for am reception and did not have the narrower filters needed for DSB. Unlike SSB, DSB is very difficult if not almost impossible to tune in unless one of the side bands are eliminated in the receiver.

73

Gary K4FMX

thompson@mindspring.com wrote:

> Michael N HoN Hopkins <mnhopkins@juno.com> mentioned the DSB alternative
> correctly.
>
> The DSB-100 introduced in 1957 was a low cost way to get on sideband. The
> later SB-175 Meteor was a revised version sans power supply (you used the
> Universal WRL PS).
> The DSB possibilities were practically eliminated by CQ requiring 2 way SSB
> for their awards and the introduction of the low cost Heath SB-10.
>
> These rigs are fairly scarce today compared to the SB-10 or even the CE 10A/B
> or 20A.
>

Message-ID: <000301bfa64b\$50633460\$9e64e7d0@sandy-s-pentium>

From: "Sandy W5TVW" <ebjr@i-55.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Mackay MF transmitter for trade

Date: Fri, 14 Apr 2000 14:53:04 -0500

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

TRADE: Mackay Radio Model 2017A solid state reserve
ship transmitter. New old stock and working. With crystals
installed
for 410, 425, 454, 468 and 500 Khz. Solid state and operates
from 12-14 VDC DC source.

Swap for TCS transmitter in good condition preferably with
power supply.

73,

Sandy W5TVW

Message-ID: <20000414203318.24157.qmail@mellon.com>
From: Merz Donald S <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted: 35T
Date: Fri, 14 Apr 2000 16:29:18 -0400
MIME-Version: 1.0
Content-Type: text/plain

I need two 35T tubes. Anyone have any they want to unload?
73, Don

Message-ID: <38F79EE2.9BCFE0D7@ix.netcom.com>
Date: Fri, 14 Apr 2000 17:42:42 -0500
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Off Topic, But Important
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

(Please do not reply to the list-
it will start an off-topic thread. Thanks)

Please accept my apology for an off topic post,
but I think it's worth a moment of your time.
Because of my many friends here and respect for the Boatanchor
community, I'd like to pass along this cautionary tale.

My family has had to deal with an unusual amount of illness
the last couple of years. Well, we finally hit the jackpot.
All five of us are down with pneumonia. I've been able to write
a few emails, but that's about it for the last couple of weeks.
We're all on the mend now, thank goodness.

We've finally discovered the cause for all this trouble-
our central air conditioning system. A clogged drainage tube
has caused the system cooling coils to grow a big crop
of mold and bacteria.
The system was blowing the poisonous stuff all over the house.
We've cleaned the system and installed electrostatic filters
at all the outlets, so I hope that this will be the last
batch of ill health for us- at least for a while.

Please- now that warm weather is on the way, have a professional check your system for proper drainage and clean coils. I wouldn't wish this stuff on anyone.

Kind regards,
Dave Stinson AB5S

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Fri, 14 Apr 2000 18:54:03 -0500
Subject: Re: Off Topic, But Important
Message-ID: <20000414.185405.-48423797.6.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: JACK IVERSON <jackiv@juno.com>

Dave, we are talking about the "legionaries " disease which was caused by a mold and bacteria in the A/C system??????/ jack

On Fri, 14 Apr 2000 17:42:42 -0500 David Stinson <arc5@ix.netcom.com> writes:

> (Please do not reply to the list-
> it will start an off-topic thread. Thanks)
>
> Please accept my apology for an off topic post,
> but I think it's worth a moment of your time.
> Because of my many friends here and respect for the Boatanchor
> community, I'd like to pass along this cautionary tale.
>
> My family has had to deal with an unusual amount of illness
> the last couple of years. Well, we finally hit the jackpot.
> All five of us are down with pneumonia. I've been able to write
> a few emails, but that's about it for the last couple of weeks.
> We're all on the mend now, thank goodness.
>
> We've finally discovered the cause for all this trouble-
> our central air conditioning system. A clogged drainage tube
> has caused the system cooling coils to grow a big crop
> of mold and bacteria.
> The system was blowing the poisonous stuff all over the house.
> We've cleaned the system and installed electrostatic filters
> at all the outlets, so I hope that this will be the last
> batch of ill health for us- at least for a while.
>
> Please- now that warm weather is on the way, have a

> professional check your system for proper drainage and
> clean coils. I wouldn't wish this stuff on anyone.
>
> Kind regards,
> Dave Stinson AB5S
>

Message-Id: <3.0.5.32.20000414175937.00799300@pop.igc.org>
Date: Fri, 14 Apr 2000 17:59:37 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.org>
Subject: GRC-9 OTA 4/15
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The folks now responsible for the former Presidio army base in San Francisco will be celebrating Earth Day tomorrow, Saturday 15 April. As part of the celebration they've asked for a demonstration of some vintage military communications equipment. Naturally I was glad to oblige. I'll have a BD-71 switchboard and some EE-8s set up for the kids and a PRC-10 mounted in an AM-598A/U for contact with the former coast artillery radio site on 51.0Mc.

I'll also have my AN/GRC-9 set up, primarily for communication with the restored Radiomarine 4U radio console at the San Francisco Maritime Museum. This will be on 7037kc. CW with a possible excursion to 3870kc. AM for a try with the radiotelephone in the 4U radio room. I'll be using my call, W6AWO, with the AN/GRC-9 at the Presidio parade ground while the 4U console, Tom Horsfall at the key, will be signing K6RID (for the SS Rider Victory from which the console came).

On the air call from any and all will be most welcome as will visitors to the site. Festivities are to begin at 11am and extend into the early afternoon. In addition to radios the event offers food, exhibits and spectacular views of the bay and the Golden Gate bridge. I hope to see you there on on the air.

Vy 73,

Dick/"RD"

Dick Dillman, W6AWO
Chief Operator at K6KPH of the Maritime Radio Historical Society
Collector of Heavy Metal:

Harleys, Willys and Radios Over 100lbs.

From: Jderm740@aol.com
Message-ID: <4e.4324ddc.262930db@aol.com>
Date: Fri, 14 Apr 2000 22:41:31 EDT
Subject: Re: P51 Mustang
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi

As I remember reading about WW2 and through other books, the P51 was used only in Europe. The P51 supposedly designed by the British to accompany the bombers on the Berlin run. The fighter planes up to that time, were not able to make the trip out and back because they used too much fuel and couldn't make it all the way.

The plane was built in the USA by the North American Aircraft Co. to a British basic design which was probably modified by N/A.

The Allison V-12 was based on the Rolls-Royce design. Basic engine was used in the P40, P38, P51, P39. Also a variant was made by Packard for the the PT Boats.

The basic model was a 1710.

Jack

Date: Fri, 14 Apr 2000 20:24:04 -0700
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: P51 Mustang
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0FT100MGJG3XEU@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Jack;

> The plane was built in the USA by the North American Aircraft Co. to a
> British basic design which was probably modified by N/A.

I remember reading the P-51 was NA's 100 day wonder. Did they really poach a Brit design?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <38F79C84.7B27@erols.com>
Date: Fri, 14 Apr 2000 23:32:36 +0100
From: Mike Steussy - AE4R <hikrbikr@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SP-600 Bandsread Dial
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ahoy! Mike Tobin of Rock-Sea Enterprises (PMB 241, 323-110 E. Matilija St, Ojai CA 93023), makes replacement antique radio dial scales, decals, and labels. He made a very nice plexiglas replacement dial window for my SX-43 and is working on a replacement dial for my Hallicrafters S-59 table radio. His very extensive catalog offers a Hammarlund SP-600 Bandsread dial (includes instructions). The following question is for readers who have purchased this dial.

Is this the logging scale dial or is it a calibrated bandsread dial similar to the HQ-180's b/s dial? If the latter, please describe how it looks and what you think of it. Would you recommend I buy it for a battle-scarred ol' SP-600/J3 that's patiently waiting its turn on the bench some years from now?

Thanks and 73,
Mike Steussy AE4R

Message-ID: <009c01bfa6c2\$ed2ed980\$e41d29d8@tneltdcs>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Commercial Telegraph License
Date: Sat, 15 Apr 2000 06:10:03 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

" The FCC's web site shows that 1st, 2nd, and 3rd class R/T licenses are still available, and that having a current Amateur Extra Class will automatically give you credit for Telegraph Elements 1 (16wpm, random groups) and 2 (20wpm, plain text); Elements 1 and 2 are required for the 3rd and 2nd Class ticket."

A very good idea! What is a good study guide today?

Richard Brunner, AA1P, rbrunner@gis.net

Message-ID: <38F84E6A.18AAC53F@lenzlink.net>
Date: Sat, 15 Apr 2000 07:11:38 -0400
From: knepper <knepper@lenzlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB MicroMatch RF Sensor Unit
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the M.C. Jones "MicroMatch" model 269 but need the round RF sensor unit that the 269 plugs into. Can anyone assist me.

--

David Knepper - W3ST
Publisher of the Collins Journal
Secretary of the Collins Radio Association
Club Station - W3CRA
<http://www.citipage.com/collins/>

Message-ID: <38F88B39.30AF@mr.net>
Date: Sat, 15 Apr 2000 08:31:05 -0700
From: "ROBERT F. KEMP" <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Arm Manual for Radio Xmtrs T-368 & tuning unit BC-939B
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If anyone would like this manual the cover shows:

Department of the Army

RADIO TRANSMITTERS
t-368/urt, t-368a/urt
et al
AND ANTENNA TUNING UNIT
BC-939-B
OPERATORS MANUAL

Whoever sends me an address first, it's theirs and if you e.mail me before noon, it can go out today!

Bob

Date: Sat, 15 Apr 2000 09:35:27 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RA-84 Rectifier PS Available
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004150935_MC2-A15A-406E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Groups,

A friend called this morning and said that he had a heavy widget that he had gotten by mistake on a trade deal and didn't need. Turned out to be = an RA-84 Rectifier Power Supply for the military Super Pro's like the BC-779= , BC-794, BC-1004 and R-129. He didn't remember which suffix letter it carried, but said that it was in "as new" condition, and was either manufactured or MWO'd in 1951. He wants \$100.00 plus shipping from Terra= 1, TX. If anyone is interested, contact me direct.

Robert Downs
WA5CAB
Houston

Date: Sat, 15 Apr 2000 09:48:35 -0400
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: 6 V vibrators for sale
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200004150948_MC2-A12C-18E1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Rag,

I couldn't decipher your email address for a direct reply, so I hope that= the group will forgive.

How many pins do they have and what is written on them?

Message text written by Rag KA5HE
>2 6 VDC vibrators for sale. Plug-in type.
10 USD + postage for the two
<

73,
Robert Downs
WA5CAB
Houston

Message-ID: <001101bfa6e8\$12a1a470\$2e2496d1@thecave>
From: "Larry Bearse" <lbearse@mail1.nai.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 51J-2 Mysteries
Date: Sat, 15 Apr 2000 10:37:02 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am trying to help a friend get a 51J-2 working, but one or two questions appear. We got a manual copy which is marked 51J-2 alright, but it doesn't match the hardware in hand. The schematic shows a 70E-15 pto that has 2 tubes, but the actual pto is a 70E-7A. Also shows an OA2 regulator, but there is no regulator tube on the chassis. And can any 51J owners out there tell me what the function of R174 in the AVC circuit? Unless I'm reading it wrong, it seems to be connected to some B+. Why? It's 1k 2w, parts lists calls it "B+ Isolation Resistor". At this point, disconnecting the resistor makes the rx work, re-connect and its blocked. Maybe something more is crapped out.

Thanks.....Larry WA1LGQ

End of BOATANCHORS Digest 2865
